

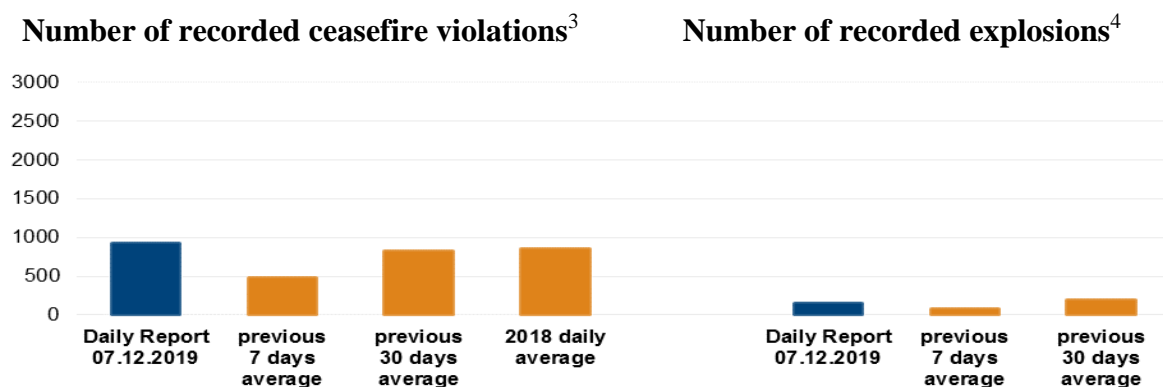
Daily Report 290/2019

7 December 2019¹

Summary

- Compared with the previous reporting period, the SMM recorded more ceasefire violations in both Donetsk and Luhansk regions.
- The SMM observed craters in a residential area of Zaitseve.
- The Mission received a Note Verbale from the Ministry of Foreign Affairs of Ukraine and a letter from the armed formations in Donetsk region on the dismantling of fortifications and other installations of military value in the Petrivske disengagement area.
- Inside the Zolote disengagement area, the SMM observed workers conducting vegetation clearance.
- The Mission saw workers installing lights on the Stanytsia Luhanska bridge.
- The SMM saw armoured combat vehicles in residential areas.
- The Mission monitored adherence to localized ceasefires to facilitate repairs to gas supply lines between Pavlopol and Verkhnoшыrokivske and to power lines in Marinka.
- The SMM's freedom of movement continued to be restricted, including at a checkpoint of the armed formations near Verkhnoшыrokivske and at a heavy weapons holding area in non-government-controlled areas of Donetsk region.*

Ceasefire violations²



¹ Based on information from the Monitoring Teams as of 19:30, 6 December 2019. All times are in Eastern European Time.

² For a complete breakdown of ceasefire violations, please see the annexed table. During the reporting period, the SMM camera 1km south-west of Shyrokyne was not operational.

³ Including explosions.

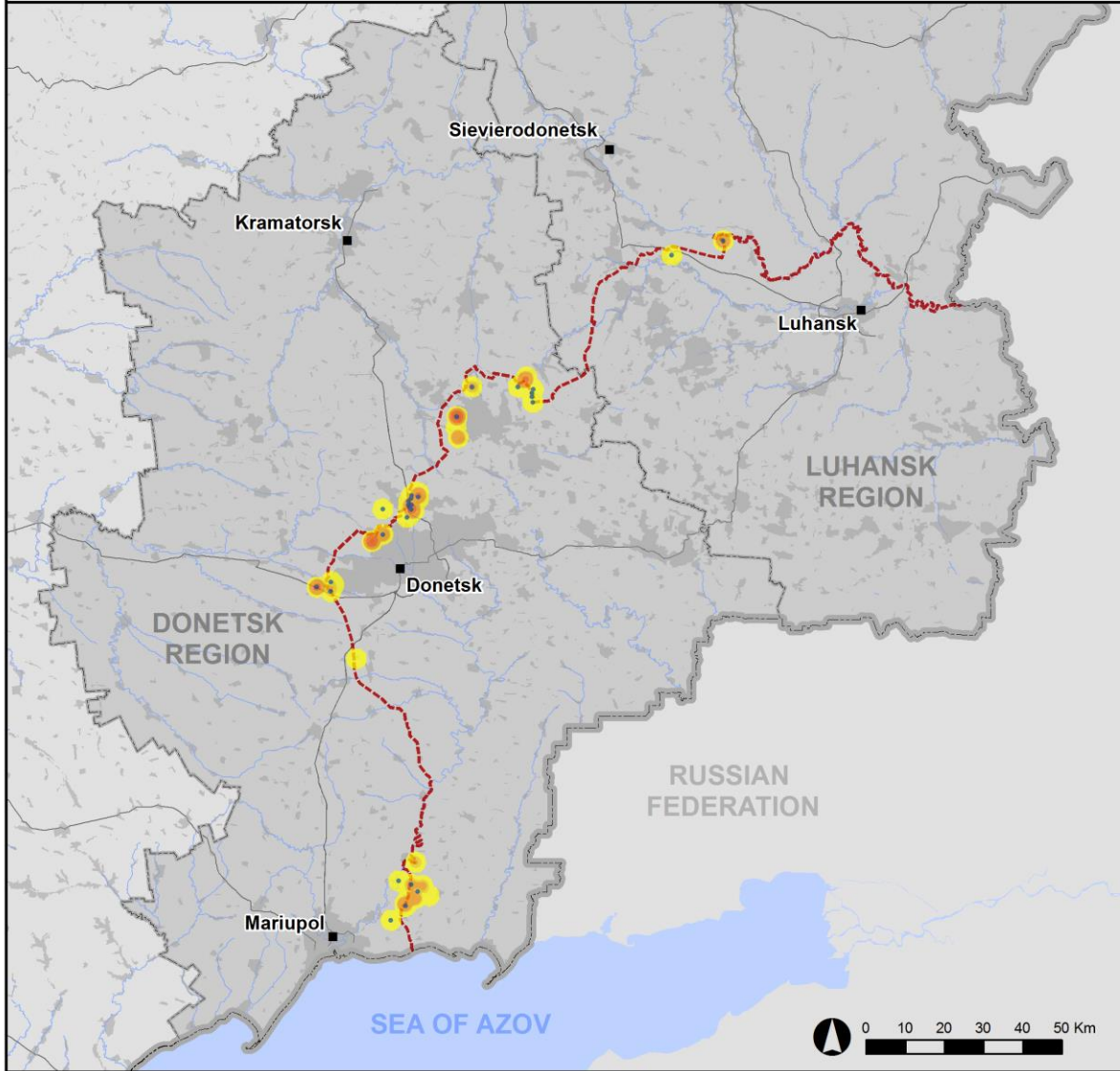
⁴ Including from unidentified weapons.

Map of recorded ceasefire violations

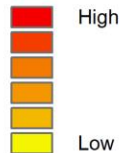


Organization for Security and
Co-operation in Europe
Special Monitoring Mission to Ukraine

Ceasefire violations observed by the SMM 6 December 2019



Ceasefire violation concentration



- Explosion
- Settlement
- Estimated line of contact

Sources: Administrative Boundaries - OCHA; Roads, Rivers - OpenStreetMap; Sea - VLIZ (2005). IHO Sea Areas; Other - OSCE.

Coordinate System: WGS 1984 UTM Zone 37N

This map is provided for illustrative purposes only. Its content is not warranted to be error-free and does not imply endorsement or acceptance by the OSCE SMM.

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Created: 07/12/2019

In Donetsk region, the SMM recorded more ceasefire violations, including more explosions (about 150), compared with the [previous reporting period](#) (about 90 explosions). The majority of the ceasefire violations were recorded at westerly directions of Horlivka (non-government-controlled, 39km north-east of Donetsk), in areas west, north-west and north-north-west of Donetsk city (non-government-controlled), including one third of explosions, and at northerly and westerly directions of Yasynuvata (non-government-controlled, 16km north-east of Donetsk).

In Luhansk region, the SMM recorded more ceasefire violations, including three explosions, compared with the [previous reporting period](#) (one explosion). All but one of the ceasefire violations were recorded in areas south-south-west of Kriakivka (government-controlled, 38km north-west of Luhansk).

Craters near Zaitseve

On 4 December, an SMM mid-range unmanned aerial vehicle (UAV) spotted at least 75 impact craters, assessed as not recent, about 100m north-east, about 150m south-east and about 50m south of the trenches of the armed formations, and about 10m away from residential houses on the northern outskirts of Zaitseve (50km north-east of Donetsk). About 350m north-north-west of said trenches and about 350m north-east of forward positions of the Ukrainian Armed Forces, the same UAV spotted a collapsed power line pylon. About 1km south-south-east of the trenches, it also spotted a house with a recently placed tarpaulin cover on its roof and at least six houses within a 50m radius with various damage to their roofs, including two missing their entire roofs. The UAV did not spot any impact craters around these houses.

Disengagement areas near Petrivske, Zolote and Stanytsia Luhanska⁵

On 4 December, outside the **disengagement area near Petrivske** (non-government-controlled, 41km south of Donetsk), an SMM long-range UAV spotted three infantry fighting vehicles (BMP variants) about 600m south of its southern edge, near forward positions of the Ukrainian Armed Forces.

On 5 December, on the road between Bohdanivka (government-controlled, 41km south-west of Donetsk) and Viktorivka (non-government-controlled, 42km south-west of Donetsk), running along the northern edge of the disengagement area, an SMM mini-UAV [again](#) spotted 12 anti-tank mines (TM-62) which form part of a previously reported minefield, assessed as belonging to the Ukrainian Armed Forces. About 350m from the mines, the UAV also spotted four vehicles and five deminers of the State Emergency Services (SES) of Ukraine. On 6 December, the SMM saw that no mines were present on the road, but it saw about 30 concrete obstacles placed around the areas where the mines had been removed. On the same road, it also noted that two [previously reported](#) trenches covered with dirt, had been filled with gravel and covered with concrete plates. Just south of the road, the Mission saw a mine hazard sign (for previous observations in the area, see [SMM Daily Report 6 December 2019](#)).

Also outside the disengagement area, the SMM saw for the first time a mine hazard sign in the middle of the road between Petrivske and Viktorivka about 200m east of the disengagement area's north-eastern edge.

⁵ Disengagement is foreseen in the Framework Decision of the Trilateral Contact Group relating to disengagement of forces and hardware of 21 September 2016.

On 6 December, the SMM received a Note Verbale from the Ministry of Foreign Affairs of Ukraine on completion of removal of fortifications, installations of military value and non-explosive obstacles in the disengagement area near Petrivske. On 5 December, the SMM received a letter from the armed formations in Donetsk region informing on completion of dismantling of fortifications and other facilities of military value in the Petrivske disengagement area. The SMM will continue to monitor and report on developments in the disengagement area.

On 4 December, inside **the disengagement area near Zolote** (government-controlled, 60km west of Luhansk), an SMM mini-UAV spotted about 15 workers clearing vegetation along road T-1316 about 580m north of the area's southern edge.

On 6 December, the SMM saw 15 workers and four deminers from non-government-controlled areas, as well as six members of the armed formations (including six wearing armbands with "JCCC" [Joint Centre for Control and Co-ordination] written on them) entering the disengagement area. The SMM camera in the southern part of the disengagement area recorded workers conducting vegetation clearance about 600m north of the area's southern edge. Throughout the day, the SMM saw at least six members of the armed formations (wearing armbands with "JCCC" written on them) on the southern edge of the disengagement area.

On the same day, inside the **disengagement area near Stanytsia Luhanska** (government-controlled, 16km north-east of Luhansk), the SMM saw two trucks and a grader machine laying gravel on the eastern side of the road between the checkpoint of the armed formations and the shelter of an international organization south of the bridge. On the Stanytsia Luhanska bridge (15km north-east of Luhansk), the SMM saw a white van and four workers from non-government-controlled areas connecting electric cables to a switchboard. The SMM saw 20 new LED lights installed on the hand railing of the metal span of the bridge and three more on a metal pole between the metal span and the newly constructed section of the bridge.

Throughout the day, the SMM saw at least six members of the armed formations (wearing armbands with "JCCC" written on them) between the checkpoint and the bridge.

The Mission also saw seven workers from non-government-controlled areas with a truck and a crane dismantling a guard rail on the road, east of the parking lot adjacent to the checkpoint, and placing 20 concrete blocks.

Withdrawal of weapons

The SMM continued to monitor the withdrawal of weapons in implementation of the Memorandum and the Package of Measures and its Addendum.

The Mission observed no weapons in violation of the withdrawal lines. It observed a weapon beyond withdrawal lines but outside of designated storage sites in a non-government-controlled area of Donetsk region (for further details, see the tables below).

Weapons that the SMM could not verify as withdrawn⁶

⁶ The SMM visited areas holding weapons that could not be verified as withdrawn, as their storage did not comply with the criteria set out in the 16 October 2015 notification from the SMM to the signatories of the Package of Measures on effective monitoring and verification of the withdrawal of heavy weapons.

At heavy weapons holding areas in government-controlled areas of Luhansk region

6 December

The SMM noted that:

- four multiple launch rocket systems (BM-27 *Uragan*, 220mm) and six towed howitzers (D-30 *Lyagushka*, 122mm) were present and three anti-tank guns (MT-12 *Rapira*, 100mm) were present for the first time; and that
- four anti-tank guns (MT-12) and 12 self-propelled howitzers (2S1 *Gvozdika*, 122mm) continued to be missing.

Indications of military and military-type presence in the security zone⁷

The SMM observed armoured combat vehicles and an anti-aircraft gun inside the security zone on both sides of the contact line, including in residential areas (for further details, see the table below).

The Mission saw a mid-range UAV flying in the area near Chernenko (government-controlled, 86km south of Donetsk). It also saw a truck, under a camouflage net, with a large antenna, assessed as an electronic warfare system (probable RB-636 *Svet-KU*), in Styla (non-government-controlled, 34km south of Donetsk). The SMM launched a mini-UAV in the area which experienced signal interference assessed as caused by probable jamming (see below).

SMM facilitation of repairs to and operation of critical civilian infrastructure

The SMM monitored adherence to localized ceasefires to facilitate repair works to gas supply lines between Verkhnohyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk) and Pavlopil (government-controlled, 84km south of Donetsk) and to power lines in Marinka (government-controlled, 23km south-west of Donetsk).

The Mission continued to facilitate the operation of the Donetsk Filtration Station (15km north of Donetsk) and monitored the security situation in areas around the pumping station near Vasylivka (non-government-controlled, 20km north of Donetsk).

The Mission continued monitoring in Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Kherson, Dnipro, Chernivtsi and Kyiv.

***Restrictions of the SMM's freedom of movement or other impediments to fulfilment of its mandate**

The SMM's monitoring and freedom of movement are restricted by security hazards and threats, including risks posed by mines, unexploded ordnance (UXO) and other impediments – which vary from day to day. The SMM's mandate provides for safe and secure access throughout Ukraine. All signatories of the Package of Measures have agreed on the need for this safe and secure access, that restriction of the SMM's freedom of movement constitutes a violation, and on the need for rapid response to these violations. They have also agreed that the Joint Centre for Control and Coordination should contribute to such response and co-ordinate mine clearance. Nonetheless, the armed formations in parts of Donetsk and Luhansk regions frequently deny the SMM access to areas adjacent to Ukraine's border outside control of the Government (for example, see [SMM Daily Report of 19 November 2019](#)).

⁷ The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

The SMM's operations in Donetsk and Luhansk regions remain restricted following [the fatal incident of 23 April 2017 near Pryshyb](#); these restrictions continued to limit the Mission's observations.

Denial of access:

- At a checkpoint near Verkhnohshyrokiivske (formerly Oktiabr, non-government-controlled, 85km south of Donetsk), on two occasions, an armed member of the armed formations [again](#) denied the SMM passage citing ongoing special operations in the area and "the SMM's safety". At the same time, the Mission saw civilian vehicles crossing the checkpoint.
- An armed member of the armed formations did not allow the Mission to access a heavy weapons holding area in a non-government-controlled area of Donetsk region, citing "a requirement for a written permission".

Regular restrictions related to disengagement areas and mines/UXO:

- The sides continued to deny the SMM full access, as well as the ability to travel certain roads previously identified as important for effective monitoring by the Mission and for civilians' movement, through failure to conduct comprehensive clearance of mines, UXO and other obstacles.

Other impediments:

- On 4 December, an SMM long-range UAV experienced GPS signal interference, assessed as caused by probable jamming, while flying over between Illinivka (formerly Illicha, government-controlled, 56km north of Donetsk) and Stepanivka (government-controlled, 54km north of Donetsk).⁸
- On 6 December, two SMM mini-UAVs experienced signal interference assessed as caused by probable jamming: one while flying near Bohdanivka (government-controlled, 41km south-west of Donetsk) on six occasions and the second while flying near Styla (non-government-controlled, 34km south of Donetsk) on one occasion.⁹

⁸ The interference could have originated from anywhere within the radius of kilometres from the UAV's positions.

⁹ The interference could have originated from anywhere within the radius of kilometres from the UAVs' positions.

Table of weapons

Beyond withdrawal lines but outside of designated storage sites

Date	No. of weapons	Type of weapon	Location	Source of observation
Non-government-controlled areas				
6/12/2019	1	Surface-to-air missile system (9K35 <i>Strela-10</i>)	Budonnivskiy district of Donetsk city	Patrol

Table of indications of military and military-type presence in the security zone¹⁰

Date	No.	Type	Location	Source of observation
Government-controlled areas				
6/12/2019	4	Infantry fighting vehicle (BMP variant)	In a residential area of Bohdanivka (41km south-west of Donetsk)	Long-range UAV
	1	Armoured reconnaissance vehicle (BRDM-2)		
	4	Infantry fighting vehicle (BMP variant)	About 100m from the nearest residence in Zolote (60km west of Luhansk)	Patrol
	1	Infantry fighting vehicle (BMP-1)	On the eastern outskirts of Popasna (69km west of Luhansk)	
Non-government-controlled areas				
3/12/2019	1	Anti-aircraft gun (ZU-23, 23mm)	About 1km south-east of Stanytsia Luhanska bridge (15km north-east of Luhansk), outside the disengagement area.	Mini-UAV
4/12/2019	1	Probable armoured personnel carrier (BTR-80)	Near Sakhanka (97km south of Donetsk)	Mid-range UAV
	1	Armoured personnel carrier (BTR variant)	In a residential area of Petrivske (41km south of Donetsk)	Long-range UAV
6/12/2019	1	Armoured personnel carrier (MT-LB)	In front of a hospital in Kalmiuske (formerly Komsomolske, 42km south-east of Donetsk)	Patrol
	1	Armoured reconnaissance vehicle (BRDM-2)		

¹⁰The hardware mentioned in this section is not proscribed by the provisions of the Minsk agreements on the withdrawal of weapons.

Table of ceasefire violations as of 6 December 2019¹¹

SMM position	Event location	Means	No.	Observation	Description	Weapon	Date, time
SMM camera in Avdiivka (government-controlled, 17km N of Donetsk)	4-6km SE	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 17:48
SMM camera in Berezove (government-controlled, 31km SW of Donetsk)	2-4km ESE	Recorded	2	Projectile	SW to NE	N/K	5-Dec, 19:42
SMM camera in Chermalyk (government-controlled, 77km S of Donetsk)	2-4km ESE	Recorded	15	Projectile	In vertical flight	N/K	6-Dec, 17:17
SMM camera at Donetsk Filtration Station (15km N of Donetsk)	0.5-1.5km S	Recorded	3	Projectile	W to E	N/K	6-Dec, 01:10
	0.5-3km S	Recorded	1	Illumination flare	In vertical flight	N/K	6-Dec, 01:11
	0.5-1.5km S	Recorded	1	Muzzle flash		N/K	6-Dec, 01:11
	0.5-1.5km S	Recorded	5	Projectile	WNW to ESE	N/K	6-Dec, 01:11
	0.5-1.5km SSE	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 01:13
	0.5-3km S	Recorded	2	Illumination flare	In vertical flight	N/K	6-Dec, 01:14
	0.5-1.5km SSW	Recorded	3	Explosion	Undetermined	N/K	6-Dec, 01:28
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 01:28
	0.5-1.5km S	Recorded	6	Projectile	WNW to ESE	N/K	6-Dec, 01:28
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 01:29
	0.5-1.5km S	Recorded	2	Explosion	Undetermined	N/K	6-Dec, 01:30
	0.5-1.5km S	Recorded	2	Projectile	WNW to ESE	N/K	6-Dec, 01:30
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 01:32
	0.5-1.5km S	Recorded	2	Projectile	WNW to ESE	N/K	6-Dec, 01:32
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 01:34
	0.5-1.5km SSW	Recorded	2	Explosion	Undetermined	N/K	6-Dec, 01:37
	0.5-1.5km S	Recorded	2	Explosion	Undetermined	N/K	6-Dec, 01:38
	0.5-1.5km S	Recorded	1	Illumination flare	In vertical flight	N/K	6-Dec, 01:45
	0.5-1.5km S	Recorded	1	Projectile	WNW to ESE	N/K	6-Dec, 01:45
	0.5-1.5km S	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 01:45
0.5-3km S	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 02:04	
300-500m W	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 03:53	
0.5-1.5km S	Recorded	1	Explosion		N/K	6-Dec, 18:19	
SMM camera 1.5km NE of Hnutove (government-controlled, 90km S of Donetsk)	3-5km SE	Recorded	5	Projectile	SSE to NNW	N/K	5-Dec, 18:46
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	5-Dec, 19:02
	3-5km SE	Recorded	2	Projectile	NNE to SSW	N/K	5-Dec, 19:13
	3-5km SE	Recorded	10	Projectile	NNE to SSW	N/K	5-Dec, 22:55
	3-5km ESE	Recorded	1	Projectile	NNE to SSW	N/K	5-Dec, 22:58

¹¹ The table only includes ceasefire violations directly observed by the SMM and it may include those also assessed to be live-fire exercises, controlled detonations, etc. Details provided – in terms of distance, direction, weapons-type, etc. – are based on assessments provided by monitors on the ground, and are not always necessarily precise. When information is not known (indicated with an “N/K”), the SMM was unable to ascertain such information due to distance, weather conditions and/or other considerations. Ceasefire violations recorded by more than one patrol and assessed to be the same are entered only once.

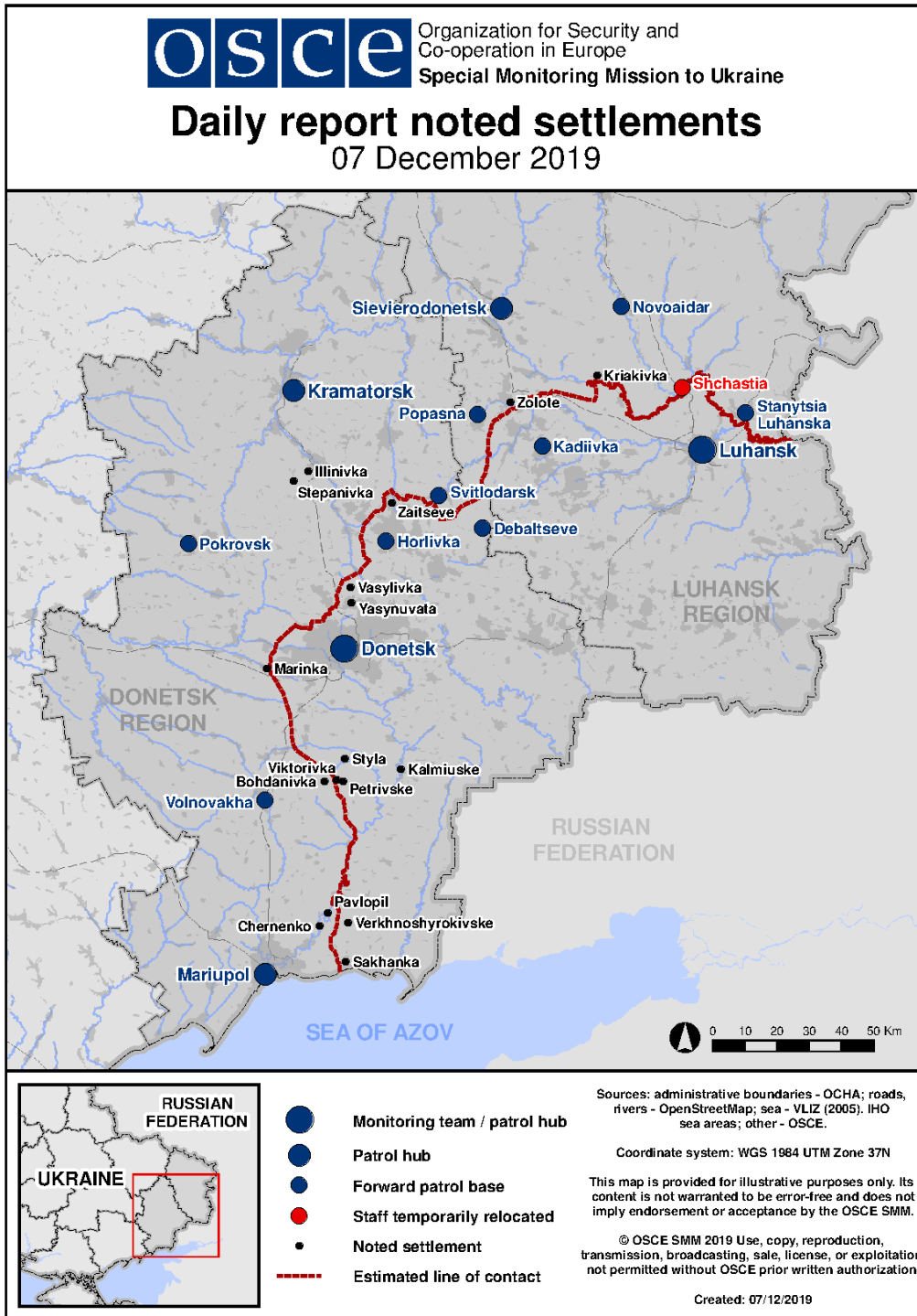
	3-5km E	Recorded	6	Projectile	NNE to SSW	N/K	5-Dec, 23:42
	3-5km SE	Recorded	1	Projectile	NNE to SSW	N/K	6-Dec, 00:13
	3-5km SE	Recorded	1	Muzzle flash		N/K	6-Dec, 00:13
	3-5km SE	Recorded	1	Projectile	NW to SE	N/K	6-Dec, 00:35
	3-5km SE	Recorded	1	Projectile	SW to NE	N/K	6-Dec, 01:25
	3-5km SE	Recorded	1	Projectile	SSW to NNE	N/K	6-Dec, 02:04
	3-5km SE	Recorded	7	Projectile	SSW to NNE	N/K	6-Dec, 02:15
	3-5km SE	Recorded	3	Projectile	NNE to SSW	N/K	6-Dec, 03:22
	3-5km SE	Recorded	5	Projectile	SSW to NNE	N/K	6-Dec, 03:22
	3-5km SE	Recorded	6	Projectile	NNE to SSW	N/K	6-Dec, 04:04
	3-5km SE	Recorded	5	Projectile	SSW to NNE	N/K	6-Dec, 04:04
	3-5km SE	Recorded	4	Projectile	SSW to NNE	N/K	6-Dec, 04:23
SMM camera E of Lomakyne (government-controlled, 90km S of Donetsk)	2-3km ENE	Recorded	1	Explosion	Undetermined	N/K	6-Dec, 16:50
SMM camera at entry-exit checkpoint in Maiorsk (government-controlled, 45km NE of Donetsk)	2-4km E	Recorded	2	Projectile	NNW to SSE	N/K	6-Dec, 18:12
	2-4km E	Recorded	4	Projectile	NNW to SSE	N/K	6-Dec, 18:13
	2-4km E	Recorded	2	Explosion	Undetermined	N/K	6-Dec, 18:13
	2-4km E	Recorded	3	Projectile	In vertical flight	N/K	6-Dec, 18:16
	2-4km E	Recorded	5	Projectile	In vertical flight	N/K	6-Dec, 18:17
2-4km E	Recorded	1	Projectile	N to S	N/K	6-Dec, 18:18	
About 2km S of Donetsk city centre (non-government-controlled)	8-10km NW	Heard	45	Explosion	Undetermined	N/K	6-Dec, 01:45-02:00
About 1.2km NNE of the central railway station in Donetsk (non-government-controlled, 6km NW of Donetsk city centre)	6-8km NNW	Heard	1	Explosion	Undetermined	N/K	6-Dec, 10:26
About 8.5km NW of Donetsk city centre (non-government-controlled)	2km W	Heard	63	Shot		Small arms	6-Dec, 11:15-11:30
	2km W	Heard	2	Burst		Small arms	6-Dec, 11:15-11:30
	2km W	Heard	76	Burst		Small arms	6-Dec, 11:37-11:55
About 1km NW of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-2km WNW	Heard	1	Shot		Small arms	6-Dec, 09:43
	1-3km SW	Heard	2	Shot		Small arms	6-Dec, 13:40-13:45
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	6-Dec, 13:40-13:45
	1-3km SW	Heard	2	Shot		Small arms	6-Dec, 13:49
	1-2km SW	Heard	3	Shot		Small arms	6-Dec, 13:52
	1-3km SW	Heard	5	Shot		Small arms	6-Dec, 13:55-14:05
	2-3km N	Heard	1	Shot		Small arms	6-Dec, 13:55-14:05
	2-3km SW	Heard	2	Burst		Small arms	6-Dec, 13:55-14:05
	2-3km SW	Heard	20	Shot		Small arms	6-Dec, 13:55-14:05
	2-3km SW	Heard	2	Explosion	Undetermined	N/K	6-Dec, 13:55-14:05

	1-3km N	Heard	28	Shot		Small arms	6-Dec, 13:55-14:05
	1-3km N	Heard	33	Burst		HMG	6-Dec, 13:55-14:05
About 800m W of the railway station in Yasynuvata (non-government-controlled, 16km NE of Donetsk)	1-3km N	Heard	6	Shot		Small arms	6-Dec, 12:38-13:00
	2-3km N	Heard	6	Explosion	Undetermined	N/K	6-Dec, 12:38-13:00
	1-3km SW	Heard	20	Shot		Small arms	6-Dec, 13:14
	1-2km SW	Heard	20	Shot		Small arms	6-Dec, 13:14-13:18
	1-3km W	Heard	2	Shot		Small arms	6-Dec, 13:14-13:18
About 1km E of Kruta Balka (non-government-controlled, 16km N of Donetsk)	1-2km NW	Heard	1	Shot		Small arms	6-Dec, 11:10
	1-2km NW	Heard	1	Burst		Small arms	6-Dec, 11:10
Oleksandrivka (non-government-controlled, 20km SW of Donetsk)	2-3km W	Heard	1	Shot		Small arms	6-Dec, 10:07
	2-3km W	Heard and saw	11	Explosion	Undetermined	N/K	6-Dec, 10:25-10:30
	3-4km NW	Heard	3	Explosion	Undetermined	N/K	6-Dec, 10:35
	2-3km NW	Heard	5	Shot		Small arms	6-Dec, 11:57
	2-3km W	Heard	1	Explosion	Undetermined	N/K	6-Dec, 12:27
NW edge of Vuhlehirsk (non-government-controlled, 49km NE of Donetsk)	5-6km NNW	Heard	1	Explosion	Undetermined	N/K	6-Dec, 09:52
Marinka (government controlled, 23km SW of Donetsk)	1-2km SW	Heard	20	Explosion	Undetermined	N/K	6-Dec, 10:20-10:30
	1-2km SW	Heard and saw	1	Explosion	Impact	N/K	6-Dec, 10:20-10:30
	1-2km SW	Heard	51	Shot		Small arms	6-Dec, 10:20-10:30
	1-2km SW	Heard	3	Explosion	Undetermined	N/K	6-Dec, 10:35-10:38
	1-2km SW	Heard	8	Shot		Small arms	6-Dec, 10:35-10:38
Verkhnoшыrokivske (formerly Oktiabr, non-government-controlled, 85km S of Donetsk)	2-3km NW	Heard		Shots and bursts	Uncountable	Small arms	6-Dec, 10:05-10:08
	2-3km NW	Heard	2	Explosion	Undetermined	N/K	6-Dec, 10:13
	2km SSW	Heard		Shots and bursts	Uncountable	Small arms	6-Dec, 11:34-11:42
	2km SSW	Heard	3	Burst		Small arms	6-Dec, 11:44
	N/K NE	Heard	1	Explosion	Undetermined	N/K	6-Dec, 14:50
About 2km SW of Pyshchevyk (government-controlled, 84km S of Donetsk)	3-4km NNE	Heard	1	Explosion	Undetermined	N/K	6-Dec, 10:41
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	6-Dec, 11:33
	4-5km SE	Heard	2	Burst		Small arms	6-Dec, 11:33
	4-5km SE	Heard	2	Explosion	Undetermined	N/K	6-Dec, 12:35
NE part of Kulykove (non-government-controlled, 87km S of Donetsk)	700-800m S	Heard	6	Shot		Small arms	6-Dec, 13:52-13:54
	2-3km NW	Heard	19	Burst		HMG	6-Dec, 13:54-14:01
Svitlodarsk (government-	4-6km S	Heard	1	Explosion	Undetermined	N/K	5-Dec, 19:13
	2-3km SW	Heard	4	Shot		Small arms	5-Dec, 22:02

controlled, 57km NE of Donetsk)	2-3km SW	Heard	4	Burst		Small arms	5-Dec, 22:02
	2-3km SW	Heard	3	Shot		Small arms	5-Dec, 22:05
	2-3km SW	Heard	3	Burst		Small arms	5-Dec, 22:05
	2-3km SW	Heard	2	Burst		Small arms	6-Dec, 11:12
	2-3km SW	Heard	63	Shot		Small arms	6-Dec, 11:12-11:14
	4-6km SW	Heard	2	Explosion	Undetermined	N/K	6-Dec, 13:06
	4-6km S	Heard	1	Explosion	Undetermined	N/K	6-Dec, 15:30
	4-6km SW	Heard	4	Explosion	Undetermined	N/K	6-Dec, 15:49-15:50
	5-7km S	Heard	3	Explosion	Undetermined	N/K	6-Dec, 18:04
Horlivka (non-government-controlled, 39km NE of Donetsk)	3-5km NW	Heard	2	Burst		HMG	5-Dec, 19:04
	3-5km NW	Heard	2	Explosion	Undetermined	N/K	5-Dec, 19:05
	3-5km NW	Heard	1	Explosion	Undetermined	N/K	5-Dec, 19:15
	3-5km NW	Heard	8	Shot		HMG	5-Dec, 19:30
	3-5km NW	Heard	4	Burst		HMG	5-Dec, 19:31
	3-5km NW	Heard	5	Shot		HMG	5-Dec, 19:52
	3-5km NW	Heard	3	burst		HMG	5-Dec, 19:52
	3-5km NW	Heard	2	Explosion	Undetermined	N/K	5-Dec, 20:02
	3-5km NW	Heard	2	Burst		HMG	5-Dec, 20:02
	3-5km NW	Heard	1	Explosion	Undetermined	N/K	5-Dec, 20:13
	3-5km NW	Heard	25	Shots and bursts		HMG	5-Dec, 20:14-20:17
	3-5km NW	Heard	7	Explosion	Undetermined	N/K	5-Dec, 20:16-20:18
	3-5km NW	Heard	7	Burst		HMG	5-Dec, 20:21-20:22
	3-4km SW	Heard	4	Shot		Small arms	6-Dec, 13:02
	3-4km SW	Heard	37	Shot		Small arms	6-Dec, 13:23-13:25
	3-4km SW	Heard	3	Burst		Small arms	6-Dec, 14:46
	2-4km W	Heard	2	Burst		HMG	6-Dec, 17:01
	3-5km NW	Heard	10	Burst		Small arms	6-Dec, 17:28
	3-5km NW	Heard	15	Shot		Small arms	6-Dec, 17:39-17:43
	3-5km NW	Heard	25	Burst		HMG	6-Dec, 17:39-17:43
	3-5km NW	Heard	55	Shot		Small arms	6-Dec, 18:04-18:10
3-5km NW	Heard	14	Burst		HMG	6-Dec, 18:04-18:10	
About 500m NE of Kamianka (government-controlled, 20km N of Donetsk)	4-5km SSE	Heard	1	Explosion	Undetermined	N/K	6-Dec, 12:32
SMM camera in Kriakivka (government-controlled, 38km NW of Luhansk)	4-6km SSW	Recorded	1	Explosion	Undetermined	N/K	5-Dec, 19:01
	4-6km SSW	Recorded	1	Projectile	ENE to WSW	N/K	5-Dec, 19:01
	4-6km SSW	Recorded	6	Projectile	NW to SE	N/K	5-Dec, 19:03
	4-6km SSW	Recorded	18	Projectile	ESE to WNW	N/K	5-Dec, 19:08
	4-6km SSW	Recorded	1	Projectile	ESE to WNW	N/K	5-Dec, 19:09
	4-6km SSW	Recorded	1	Illumination flare	In vertical flight	N/K	5-Dec, 19:18
	4-6km SSW	Recorded	3	Projectile	NE to SW	N/K	5-Dec, 19:18

	4-6km SSW	Recorded	2	Projectile	NE to SW	N/K	5-Dec, 19:26
	4-6km SSW	Recorded	4	Projectile	E to W	N/K	5-Dec, 19:36
	4-6km SSW	Recorded	1	Projectile	WNW to ESE	N/K	5-Dec, 19:36
	4-6km SSW	Recorded	2	Projectile	NE to SW	N/K	5-Dec, 19:37
	4-6km SSW	Recorded	1	Projectile	In vertical flight	N/K	5-Dec, 19:45
	4-6km SSW	Recorded	8	Projectile	WNW to ESE	N/K	5-Dec, 19:45
	4-6km SSW	Recorded	1	Explosion	Undetermined	N/K	5-Dec, 19:45
NW edge of Sentianivka (formerly Frunze, non-government-controlled, 44km W of Luhansk)	3-6km NW	Heard	1	Explosion	Undetermined	N/K	6-Dec, 11:16

Map of Donetsk and Luhansk regions¹²



¹² The SMM is deployed to ten locations throughout Ukraine – Kherson, Odessa, Lviv, Ivano-Frankivsk, Kharkiv, Donetsk, Dnipro, Chernivtsi, Luhansk and Kyiv – as per Permanent Council Decision 1117 of 21 March 2014. This map of eastern Ukraine is meant for illustrative purposes and indicates locations mentioned in the report, as well as those where the SMM has offices (monitoring teams, patrol hubs, and forward patrol bases) in Donetsk and Luhansk regions. (In red: a forward patrol base from which SMM staff has temporarily relocated based on recommendations of security experts from participating States as well as SMM security considerations. The SMM uses the premises during daylight hours and patrols in this settlement during daylight hours, as well).